

ASP Scientific Program Integration - Overview

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BNL

The Program (1)

- Students Program
 - June 25 to July 13
 - Venue: University of Namibia (UNAM)
 - Students arrive June 23-24 and depart July 13-15
 - Reception at UNAM in the afternoon / evening of July 24
 - 85 selected from 26 countries. 78 confirmed participations
 - Lodging Accommodation: UNAM dormitories
 - <https://indico.cern.ch/event/656460/>
 - All students received e-tickets and visa approvals where applicable
 - From 3rd year of university to Ph.D. level with diverse backgrounds : lectures should consider this
 - Airport transfers on June 23-24, and July 13-15
 - Meals: some dietary restrictions to be considered
 - Student posters to be displayed at all times, and poster sessions during breaks
 - At the ASP conference when the students are present there
 - At UNAM during the lectures to students

The Program (2)

- High School Teachers Program
 - July 2-6
 - 70 teachers from Namibia, selected by the LOC and the Ministry of Education, Arts & Culture. To arrive on July 1, and return on July 7
 - Venue: UNAM
 - <https://indico.cern.ch/event/667954/>
 - Accommodation at UNAM dormitories
 - Dietary restrictions?
 - Need to know the names and emails of the teachers to give them access some of the educational software
 - See the talk of Kate and Kenneth for the scientific program

The Program (3)

- High School Pupils (learners) program
 - July 9-13
 - 30 high schools
 - Lecturers to visit one high school a day. 5 visits total. Pupils from a few high school to congregate at one location
 - 40-50 pupils per 4-hour session. 2 sessions per day, except Friday July 13 where we plan for only morning session
 - <https://indico.cern.ch/event/667966/>
 - Thanks to the people that volunteered to help
 - Need to know the details of the high schools involved and which schools are selected where pupils will congregate
 - See the talks of Kenneth for details of the scientific program

The Program (4)

- The ASP Conference
 - June 28 to July 4
 - Venue: Namibia University of Science and Technology (NUST) or UNAM
 - <https://indico.cern.ch/event/667667/>
 - June 28
 - The students will be present at the conference for the full day
 - **Conference Reception in the evening**
 - **Student posters to be displayed at the conference on that day**
 - July 2 and July 4 in the mornings
 - The teachers will be at the conference
 - About 50 extra participants for the conference, not counting lecturers that are also conference speakers
 - **Lunch for the conference participants**
 - The conference will end with the ASP Forum and ASP dinner in the afternoon and evening of July 4
 - Peer-reviewed articles to be published Special issue of the African Physical Review (APR) --- Editorial Office managed at the ICTP)
 - Reviewers: Steve Muanza, Michael Backes, Esmeralda Yitamben, Dharm Singh, Ketevi A. Assamagan
 - [Reviewed and corrected articles to be submitted to the APR Editorial Office by September 4, 2018](#)

The Program (5)

- ASP Forum
 - Afternoon of July 4, starting at 14:00
 - Venue and invited dignitaries: see the talk of Angelique
 - Formal event: Formal attire suggested
 - <https://indico.cern.ch/event/667816/>
- ASP Dinner
 - In the evening of July 4, after the ASP Forum
 - Serves as ASP conference dinner
 - Present: teachers, students, lecturers of that week, and conference participants
 - Total participants: ~250
 - For details, see the talk of Angelique

The Program (6)

- Excursion
 - Saturday June 30
 - Venue: Okapuka Ranch www.okapuka-ranch.com
 - Students will attend. Lecturers and conference participants may sign up to attend
 - Logistics
 - Transportations to/from
 - Lunch bags for students
- Gopolang wants to organize a soccer and basketball tournaments
 - Sundays July 1 and July 8
- Possible visit to H.E.S.S.?
 - By interested people?
 - When?
 - Possible dates: June 30 (in parallel/addition to excursion), July 1 or July 7 (in parallel/addition to Soccer or Basketball)

Computing and software logistics

- **For July 2-6 in particular**
 - Need 39 desktop for 78 students
 - And 35 desktop for 70 teachers
- **With Linux GUI** and persistent home directories for all accounts, and all the software available that Horst Severini installed on the test machines
 - Geant-4
 - ROOT-6
 - MadGraph
 - MadAnalysis
 - MadDM
 - **FLUKA people never responded: they will have to install and test their software locally when they arrive**
 - **BPM software package for BPM simulations: remove HCP access not working, so have to test software while there or send to someone install and test**
- **For June 25-29, and July 7-13**
 - Only the students
- **For high school visits, July 9-13**
 - Bring our own laptop

Hardware – being shipped or hand-carried

- **For students, teachers and learners programs**
 - 3 cloud chambers – Ketevi will hand-carry these
 - **Require dry ice and 95% Isopropyl to be found and purchased in Windhoek**
 - Cosmic ray telescope – Kenneth will hand-carry this
- **For the teachers programs**
 - 30-35 Raspberry Pis and accessories. Already shipped to Namibia by Milind.
 - 2 Cosmic Pis borrowed from CERN – to be hand-carried by Mario
- **HiSPARC is a project – Kate Shaw**
 - founded and coordinated by NIKHEF, where students build, operate, and analyze data from a cosmic ray detector, and continue to analyze the data as the data flows in for months and years to come
 - **Detector and accessories to be shipped to be Namibia**
- **For teachers and learners programs**
 - 100 4-GB USB keys. Already purchased. Kenneth to hand-carry them

Printing of all kinds

- Particle cards and slides for the learners program
 - Kenneth to specify details
- Printing of final program agendas
 - for students, teachers and conference participants
- **Certificate of participation in ASP**
 - To be designed and printed
 - Distributed to students at the closing ceremony on July 13
- Suggest all printings to be done locally in Namibia

Lecturers

- **Will be arriving and departing during the period June 24 – July 14**
 - Airport transfers during that entire period
 - Airport transfers also needed for conference participants on June 27-28, and July 4-5
- **Suggest to be present and available**
 - Even when they are not teaching
- **Have lunches and coffee breaks**
 - With the students
- **To increase networking**
- **Identify students that you may find promising**
 - to work with you even after ASP
- **You may want to send reading materials to the students before ASP2018 starts**
 - ASP2018-Students@cern.ch

Student Poster Award

- **Need a committee of 3 lecturers to evaluate students posters**
 - Select the 2 best posters
 - Winners to be announced at the closing ceremony on July 13
 - Winners to receive 1000 euros each for travels to physics conference/school of their choice
 - Award not given as cash!
- **If you want to serve on this committee**
 - Let me know

Miscellaneous ...

- **See the talks of Eli and Angelique**
 - Daily shuttles between hotels and venues
 - Dietary restrictions
 - School/Conference badges and security
 - And more ...
- **See the talks of Kenneth/Kate**
 - for further details on the teachers and learners scientific programs